

ABSTRACT OF THE DISCLOSURE

Image data compression method and apparatus which improves image quality in a scene where image greatly changes and reduces the image data, and image transmission system and monitoring system using the method and apparatus. The image data compression apparatus which compresses input image data and outputs compressed image data comprises a detection unit which detects a motion or change of each scene, a determination unit which determines the detected motion amount or change amount, a switch circuit which controls a frame rate in accordance with the results of determination, and a compression encoding unit which compression-encodes the image data. The apparatus performs control such that an image having small motion amount and small change amount with respect to a predetermined image is not compression-encoded, so that the frame rate in a scene where the motion or change is large is higher than that in a scene where the motion and change are small.